

DETAILED ACTION

1. Applicants' amendment filed July 30, 2007 is acknowledged. Claim 10 is deleted. Claims 9 and 11 are amended. Claims 1-8 and 12 are withdrawn. Now, Claims 9 and 11 are pending for consideration.
2. Claim rejection(s) under 35 USC 103 in the previous Office Action (Paper No. 030307) is/are removed.
3. This application is in condition for allowance except for the presence of Claims 1-8 and 12 to inventions non-elected without traverse. Accordingly, Claims 1-8 and 12 have been cancelled.

Examiner's Amendment

4. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

Delete Claims 1-8 and 12.

Allowable Subject Matter

5. Claims 9 and 11 are allowed.

6. The following is an examiner's statement of reasons for allowance:

The present claims are allowable for at least the following reason(s) over the closest references: Hirano (JP 2003-129003) in view of Brown (US 6 447 919).

Hirano discloses a composition for coating metal, which comprises a polymer derived from a fluorinated monomer, an alkoxysilyl containing monomer, a non-fluorinated/non-silanized monomers, and a crosslinker. ([0005]-[0006]) The crosslinker can be a melamine or a blocked polyisocyanate. ([0017]-[0019]) Hirano is silent on the use of a fluorinated urethane compound set forth in the claimed invention. Furthermore, Brown teaches the use of a fluorinated urethane in a composition for coating metal, etc. where the composition comprises a polymer derived from a fluorinated monomer, an alkoxysilyl containing monomer and a non-fluorinated/non-silanized monomer. The motivation of using the fluorinated urethane is to enhance the chemical and mechanical properties of the coating. (col. 7, lines 47-63, col. 14, line 65 to col. 15, line 12, col. 16, lines 16-55, col. 17, lines 23-38, col. 18, lines 48-65, col. 19, lines 34-65 and col. 21, lines 3-9)

However, none of Hirano and Brown, taken alone or in combination, teaches or fairly suggests the claimed coating composition comprising, as component D), a) a fluorinated urethane compound consist essentially of an adduct of an organic polyisocyanate, a polyoxyethylene/polypropylene glycol, and a fluorinated monofunctional alcohol, and includes substantially no residual isocyanate groups set forth in Claim 9; or b) a fluorinated urethane compound consisting essentially of an adduct of an organic polyisocyanate, an amino-functional silane, and a fluorinated monofunctional alcohol, and contains substantially no residual isocyanate groups set forth in Claim 11.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kuo-Liang Peng whose telephone number is (571) 272-1091. The examiner can normally be reached on Monday-Friday from 8:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jim Seidleck, can be reached on (571) 272-1078. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

klp
April 14, 2008

/Kuo-Liang Peng/
Primary Examiner, Art Unit 1796